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IBPS RRB 2021

LIVE [📶] MOCK DISCUSSION



9:00 AM



Maths



UPCOMING ONLINE BATCHES

JULY 2021

07 July 2021

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**LIVE PREMIUM
GREEN CARD**
(BANK-PO & CLERK)

BILINGUAL

14 July 2021

10:30 AM to 12:30 PM

**LIVE PREMIUM
SILVER CARD**
(CGL & CHSI)

03:00 PM to 05:00 PM

**LIVE PREMIUM
STATE CARD**
(UPSSSC PET)

BILINGUAL

21 July 2021

01:00 PM to 03:00 PM

**LIVE PREMIUM
GREEN CARD**
(IBPS RRB PO/CLERK)
PRE + MAINS

BILINGUAL

28 July 2021

01:00 PM to 03:00 PM

LIVE PREMIUM BRONZE CARD
(TET)

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(IBPS PO & CLERK)

08:00 AM to 10:00 AM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL







Nisha Wadhwa 7 hours ago

32

👍 🗨️ REPLY



zSOURAJIT GHOSH 10 hours ago

32

👍 🗨️ REPLY



sarita rawat 21 hours ago

Homework answer
Option (B) 32,,,,,,hoga
Awesome session sir ☐☐☐☐
Thanku so much sir ☐

👍 🗨️ REPLY

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Suman Paul 19 hours ago

32

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Indranil Sasmal 21 hours ago

32



Deepak Kumar 21 hours ago

32

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Anmol Sharma 21 hours ago

32

👍 🗨️ REPLY

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Rajeshwari Bommana 21 hours ago

32

👍 🗨️ REPLY

▼ View reply from Mahendras :



Juthika Das 21 hours ago

Ans is ==32
Nice session Thank u sir ☐

👍 🗨️ REPLY

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Rityaj Seth 20 hours ago

32

👍 🗨️ REPLY

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AAYUSH SRIVASTAVA 12 hours ago
SIR LAST QUESTION KA ANSWER OP

👍 🗨️ REPLY



Riya Shaw 20 hours ago

Hw ans = 32
Thanku sir

👍 🗨️ REPLY

▼ View reply from Mahendras : On



AAYUSH SRIVASTAVA 12 hours ago
HOMEWORK ANSWER - (B):32

👍 🗨️ REPLY



Palak Shukla 21 hours ago

Homework answer-----
32 , Option B
Thanku sir ☐☐☐☐



GURBINDER SINGH 21 hours ago

8x2x2=32

👍 🗨️ REPLY

▼ View reply from Mahendras :



Manshi Vasita 21 hours ago

Ans.. 32

Nice session ☐☐THANK YOU SO M

👍 🗨️ REPLY

▼ View reply from Mahendras :



Amarkant Kumar 21 hours ago

Today's Ans -- 32

👍 🗨️ REPLY

▼ View reply from Mahendras :



Rajan Raj 20 hours ago

H W ans
32☐☐

👍 1 🗨️ REPLY



unnati bhatnagar 8 hours ago

X=32

  REPLY



Vivek Chandra Gupta 21 hours ago

HW Ans

(B) 32

  REPLY

▼ [View reply from Mahendras : Online](#)



Rahul kr 15 hours ago

Ans 32

  REPLY



Manvi Gupta 21 hours ago

hw ans

32 opt b

  REPLY

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Direction (41-45): Direction for Question

Six shopkeepers Lakhan, Manoj, Naimish, Omprakash, Pramod and Quraishi sold milk mixture which made by mixing three items that is milk, water and milk powder. The following table shows the total quantities sold by these shopkeepers and the ratios of milk, water and powder in milk mixture.

छह दुकानदार लखन, मनोज, नैमिष, ओमप्रकाश, प्रमोद और कुरैशी ने दूध का मिश्रण बेचा जो तीन वस्तुओं दूध, पानी और दूध पाउडर को मिलाकर बनाया गया था। निम्न तालिका इन दुकानदारों द्वारा बेची गई कुल मात्रा और दूध मिश्रण में दूध, और पाउडर के अनुपात को दर्शाती है।

Shopkeeper	Total quantity of milk mixture	Milk : water : powder
Lakhan	16074	25:23:9
Manoj	12210	19:15:21
Naimish	15498	23:18:22
Omprakash	12376	21:23:24
Pramod	14626	25:24:22
Quraishi	18632	3:5:9

41. What is the total quantity of pure milk sold by shopkeeper Lakhan and Manoj together?
दुकानदार लखन और मनोज द्वारा बेची जाने वाली शुद्ध दूध की कुल मात्रा कितनी है?

(A)10864

(B)11268

(C)11060

(D)9870

(E)None of these

0:30

Shopkeeper	Total quantity of milk mixture	Milk : water : powder
Lakhan	16074	25:23:9
Manoj	12210	19:15:21
Naimish	15498	23:18:22
Omprakash	12376	21:23:24
Pramod	14626	25:24:22
Quraishi	18632	3:5:9

42. What is the difference between the total quantity of pure milk and powder sold by shopkeeper Pramod?

दुकानदार प्रमोद द्वारा बेची जाने वाली शुद्ध दूध और पाउडर की कुल मात्रा में क्या अंतर है?

- (A)572 (B)450 (C)626 (D)618 (E)None of these



Shopkeeper	Total quantity of milk mixture	Milk : water : powder
Lakhan	16074	25:23:9
Manoj	12210	19:15:21
Naimish	15498	23:18:22
Omprakash	12376	21:23:24
Pramod	14626	25:24:22
Quraishi	18632	3:5:9

43. The total quantity of milk sold by shopkeeper Omprakash is approximately what per cent more/less than the total quantity of milk sold by shopkeeper Quraishi?

दुकानदार ओमप्रकाश द्वारा बेचे जाने वाले दूध की मात्रा दुकानदार कुरैशी द्वारा बेची जाने वाली दूध के मात्रा से लगभग कितना प्रतिशत अधिक/ कम है?

(A) 16.25%

(B) 18%

(C) 16.50%

(D) 18.25%

(E) None of these

0:30

Shopkeeper	Total quantity of milk mixture	Milk : water : powder
Lakhan	16074	25:23:9
Manoj	12210	19:15:21
Naimish	15498	23:18:22
Omprakash	12376	21:23:24
Pramod	14626	25:24:22
Quraishi	18632	3:5:9

44. The total quantity of water sold by shopkeeper Lakhan is approximately what per cent of the total quantity of milk sold by him?

दुकानदार लखन द्वारा बेचे जाने वाले पानी की कुल मात्रा उसके द्वारा बेचे गए दूध का लगभग कितने प्रतिशत है ?

(A)88%

(B)96%

(C)92%

(D)98%

(E)None of these



Shopkeeper	Total quantity of milk mixture	Milk : water : powder
Lakhan	16074	25:23:9
Manoj	12210	19:15:21
Naimish	15498	23:18:22
Omprakash	12376	21:23:24
Pramod	14626	25:24:22
Quraishi	18632	3:5:9

Direction (46 to 50):- In each question two equations numbered (I) and (II) are given. You have to solve both the equations and mark appropriate answer.

(a) If $x > y$

(b) If $x < y$

(c) If $x \geq y$

(d) If $x \leq y$

(e) $x = y$ or no relation can be established

Q.46 :-

I. $x^2 - 62x + 897 = 0$

II. $y^2 - 69y + 1190 = 0$

Q.47 :-

I. $x^2 + 42.5x + 686 = 0$

II. $y^2 + 40.5y - 399.5 = 0$

Q.48 :-

I. $x^2 - 104x - 777 = 0$

II. $y^2 - 223y + 12432 = 0$

Q.49 :-

I. $x^2 - 76x + 1419 = 0$

II. $y^2 - 20y - 2709 = 0$

Q.50 :-

I. $x^2 - 37x - 287 = 0$

II. $y^2 - 73y + 1302 = 0$

51. The difference between 87% and 71% of a number is 448. What is 59% of that number?

एक संख्या के 87% और 71% के बीच अन्तर 448 है। उस संख्या का 59% क्या है ?

(A)1582

(B)1528

(C)1586

(D) 1592

(E)none of these



52. In what ratio must a shopkeeper have to mix the two varieties of rice costing Rs 28 and Rs 40 per kg respectively so as to get a mixture worth Rs 36 per kg ?

किस अनुपात में दुकानदार को चावल की दो किस्मों को क्रमशः 28 रुपये और 40 रुपये प्रति किलो के हिसाब से मिलाना होगा, ताकि 36 रुपये प्रति किलो के हिसाब से मिल सके ?

(A)4:7

(B)2:3

(C)1:2

(D)5:8

(E)None of these



53. The ratio of speeds of A is to B is 2:3 and therefore A takes 20 minutes less time than B takes. What is the ratio of time taken by A and B?

A और B की चालों में 2 : 3 का अनुपात है और इसलिए A, B से 20 मिनट कम समय लेता है। A और B द्वारा लिए गए समय में क्या अनुपात है?

(A)1:2

(B)2:1

(C)2:3

(D)3:2

(E)None of these



54. The average age of a man and his son is 45 years. The ratio of their age is 2:1 respectively. What is the son's age?

एक व्यक्ति और उसके पुत्र की औसत आयु 45 वर्ष है और उनकी आयु का अनुपात क्रमशः 2:1 है, तो पुत्र की आयु क्या है?

(A) 20 years

(B) 25 years

(C) 30 years

(D) 35 years

(E) None of these



What should come at place of the question mark (?) in the following number series ?

26, 59, 129, 271, 559, 1137, ?

(A) 2295

(B) 2205

(C) 1517

(D) 2212

(E) 2297



0:30

What should come at place of the question mark (?) in the following number series ?

-1, 0, 10, 65, 345, 1750, ?

(A) 8750

(B) 10500

(C) 10530

(D) 8780

(E) 9230



What should come at place of the question mark (?) in the following number series ?

12 , 6, 9, 22.5 , 78.75 , 354.375 , ?

(A)1452.3755

(B)1949.0625

(C)1728.0525

(D)1594.6875

(E)2303.4375



Find the wrong number in the following number series.

180 , 184 , 552 , 568 , 2842 , 2876

(A)2842

(B)568

(C)180

(D)184

(E) 2876



Find the wrong number in the following number series.

2035 , 2520 , 3055 , 3645 , 4275

(A) 2520

(B) 3645

(C) 3055

(D) 2035

(E) 4275



What value should come in the place of question mark(?)in the following questions?

61. $8.21 + 6.44 = ? + 6.2$

(A) 8.95

(B) 6.45

(C) 5.95

(D) 7.35

(E) 8.45



What value should come in the place of question mark(?)in the following questions?

62. $199 \times 19 \times 9 - 9099 = ?$

(A) 24390

(B) 23940

(C) 29340

(D) 24930

(E) None of these



What value should come in the place of question mark(?)in the following questions?

63. $260 + 836 + 509 + 1001 = ?$

(A)2404

(B)2505

(C)2606

(D)2106

(E)2600



What value should come in the place of question mark(?)in the following questions?

64. $814 + 519 + 23 + 289 = ?$

(A) 1694

(B) 1652

(C) 1665

(D) 1645

(E) None of these



What value should come in the place of question mark(?) in the following questions?

65. $777 + 88 + 9 = ? + 100$

(A) 774

(B) 763

(C) 779

(D) 757

(E) None of these



What value should come in the place of question mark(?)in the following questions?

66. $72 + 86 + 93 + 102 + 118 + 128 = ?$

(A)599

(B)591

(C)594

(D)598

(E)596



0:30

What value should come in the place of question mark(?)in the following questions?

$$67.810 + 505 + 312 = ? + 48.98$$

(A) 1857.03

(B) 1578.02

(C) 1778.04

(D) 1587.02

(E) None of these



What value should come in the place of question mark(?)in the following questions?

68. $916 + 926 + 21 = ? + 89$

(A)916

(B)926

(C)912

(D)932

(E)929



0:30

What value should come in the place of question mark(?) in the following questions?

69. $55.31 + 46.21 + ? = 157.5 + 46.35$

(A) 102.33

(B) 103.32

(C) 102.39

(D) 103.22

(E) 102.35



0:30

What value should come in the place of question mark(?)in the following questions?

$$70.7 + 77 + 777 + 7777 + 77777 = ?$$

(A)86415

(B)86132

(C)86315

(D)86215

(E) None of these



71. The C.P. of 40 articles is equal to S.P. of 50 articles. Find the gain or loss percent?

40 वस्तुओं का क्रय मूल्य, 50 वस्तुओं के विक्रय मूल्य के बराबर है। लाभ या हानि प्रतिशत क्या होगा ?

- (A) Profit of 16% (B) loss of 16% (C) Profit of 20% (D) Loss of 20% (E) None of these



72. A side of equilateral triangle is 8 cm. What is the area of triangle?

एक समबाहु त्रिभुज की भुजा 8 सेमी. है। त्रिभुज का क्षेत्रफल क्या होगा?

(A) $16\sqrt{3} \text{ m}^2$

(B) $15\sqrt{2} \text{ m}^2$

(C) $15\sqrt{5} \text{ m}^2$

(D) $14\sqrt{3} \text{ m}^2$

(E) None of these



73. Speed of boat is 5km/hr. in still water and the speed of the stream is 3 km/hr. if the boat takes 3 hours to go to a distance place and come back find the distance between the place.

शांत जल में नाव की चाल 5 किमी/घंटे है, धारा की चाल 3 किमी / घंटे है, यदि नाव को जाने में और वापस आने में 3 घंटे लगते है तो दोनों स्थानों के बीच की दूरी ज्ञात कीजिये?

(A)3.75km

(B)4 km

(C)4.5km

(D)4.8km

(E)None of these



74. The compound interest on a certain sum at the rate of 5 p.c.p.a after 3 years is Rs. 1324.05.
What is simple interest?

एक निश्चित राशि पर 3 वर्षों में 5 प्र.श.प्र.व. की दर से चक्रवृद्धि 1324.05 है। साधारण ब्याज क्या है?

(A)1260

(B)1560

(C)1160

(D)1360

(E)None of these



71. What is the compound interest on Rs. 20000 for 3 years if the rate of interest is 5% for the first year, 10% for the second year and 15% for the third year?

रू. 20000 पर 3 वर्षों के लिए चक्रवृद्धि ब्याज क्या होगा यदि प्रथम वर्ष ब्याज की दर 5% दूसरे वर्ष ब्याज की दर 10% तथा तृतीय वर्ष 15% है?

(A) Rs. 6565

(B)Rs. 5656

(C)Rs. 6655

(D)Rs. 6554

(E)None of these



72. A reduction of 20% in the price of sugar enables a man to purchase 2kg more for Rs. 160. Find the reduced price.

चीनी मूल्य में 20% की कमी होने पर एक व्यक्ति के 160 रूपये में 2 किग्रा चीनी अधिक खरीदता है। घटा हुआ मूल्य क्या है?

(A)Rs.15

(B)Rs. 18

(C)Rs. 20

(D)Rs.16

(E)None of these



73. If the letters of the word 'SERIAL' be arranged randomly, what is the probability that all vowels are not together?

यदि शब्द 'SERIAL' के अक्षरों को व्यवस्थित किया जाए तो सभी स्वरों के एक साथ न आने की प्रायिकता क्या है?

- (A) $1/5$ (B) $2/5$ (C) $3/5$ (D) $4/5$ (E) None of these



74. If the numerator of a fraction is increased by 340% and the denominator is increase by 240% the resultant fraction is $3 \frac{2}{5}$. What is the original fraction?

यदि किसी भिन्न के अंश को 340% और हर को 240% बढ़ाया जाये तो परिणामी भिन्न $3 \frac{2}{5}$ हो जाती है तो मूल भिन्न क्या है?

(A) $2 \frac{67}{100}$

(B) $2 \frac{63}{100}$

(C) $2 \frac{69}{110}$

(D) $2 \frac{67}{110}$

(E) None of these



THANKS

